FOIL and Factor pop quiz (version 13)

FOIL the expressions shown below:

1. $(x-5)(x-7)$

$$x^2 - 12x + 35$$

2. $(x+7)(x-4)$

$$x^2 + 3x - 28$$

3. $(x+1)(x+8)$

$$x^2 + 9x + 8$$

4. $(x-5)(x+3)$

$$x^2 - 2x - 15$$

5. $(x+8)(x+6)$

$$x^2 + 14x + 48$$

Factor the expressions shown below:

6. $x^2 - 4x - 12$

$(x+2)(x-6)$

7. $x^2 - 2x - 35$

$(x-7)(x+5)$

8. $x^2 - 11x + 30$

$(x-5)(x-6)$

9. $x^2 - x - 72$

$(x+8)(x-9)$

10. $x^2 - 2x - 3$

$(x-3)(x+1)$